Xujun Ye

List of Publications by Year
in descending order

31 papers	528 citations	759233 12 h-index	642732 23 g-index
33 all docs	33 docs citations	33 times ranked	620 citing authors

#	Article	IF	Citations
1	Prediction of citrus yield from airborne hyperspectral imagery. Precision Agriculture, 2007, 8, 111-125.	6.0	63
2	Estimation of citrus yield from airborne hyperspectral images using a neural network model. Ecological Modelling, 2006, 198, 426-432.	2.5	54
3	Estimation and mapping of nitrogen content in apple trees at leaf and canopy levels using hyperspectral imaging. Precision Agriculture, 2020, 21, 198-225.	6.0	52
4	Potential of airborne hyperspectral imagery to estimate fruit yield in citrus. Chemometrics and Intelligent Laboratory Systems, 2008, 90, 132-144.	3.5	44
5	A ground-based hyperspectral imaging system for characterizing vegetation spectral features. Computers and Electronics in Agriculture, 2008, 63, 13-21.	7.7	41
6	The ecological agriculture movement in modern China. Agriculture, Ecosystems and Environment, 2002, 92, 261-281.	5.3	40
7	Monitoring of bacterial contamination on chicken meat surface using a novel narrowband spectral index derived from hyperspectral imagery data. Meat Science, 2016, 122, 25-31.	5.5	39
8	Application of visible/near infrared spectroscopy and chemometric calibrations for variety discrimination of instant milk teas. Journal of Food Engineering, 2009, 93, 127-133.	5.2	38
9	Application of narrow-band TBVI in estimating fruit yield in citrus. Biosystems Engineering, 2008, 99, 179-189.	4.3	21
10	Estimation of citrus yield from canopy spectral features determined by airborne hyperspectral imagery. International Journal of Remote Sensing, 2009, 30, 4621-4642.	2.9	16
11	Monitoring of ATP and viable cells on meat surface by UV–Vis reflectance spectrum analysis. Journal of Food Engineering, 2011, 107, 262-267.	5.2	15
12	A new modified resource budget model for nonlinear dynamics in citrus production. Chaos, Solitons and Fractals, 2016, 87, 51-60.	5.1	15
13	Use of airborne multispectral imagery to discriminate and map weed infestations in a citrus orchard. Weed Biology and Management, 2007, 7, 23-30.	1.4	13
14	Inter-Relationships Between Canopy Features and Fruit Yield in Citrus as Detected by Airborne Multispectral Imagery. Transactions of the ASABE, 2008, 51, 739-751.	1.1	12
15	Spatial autocorrelation in masting phenomena of Quercus serrata detected by multi-spectral imaging. Ecological Modelling, 2008, 215, 217-224.	2.5	9
16	Airborne hyperspectral imaging for estimating acorn yield based on the PLS B-matrix calibration technique. Ecological Informatics, 2008, 3, 237-244.	5.2	8
17	Rapid determination of lycopene content and fruit grading in tomatoes using a smart device camera. Cogent Engineering, 2018, 5, 1504499.	2.2	8
18	Limited and time-delayed internal resource allocation generates oscillations and chaos in the dynamics of citrus crops. Chaos, 2013, 23, 043124.	2.5	6

#	Article	IF	Citations
19	Estimation of the degree of red coloration in flesh of a red-fleshed apple cultivar â€˜Kurenai no Yumeâ€™ with a UVâ€"vis-NIR interactance device. Postharvest Biology and Technology, 2017, 124, 128-136.	6.0	5
20	Rapid and non-destructive assessment of nutritional status in apple trees using a new smartphone-based wireless crop scanner system. Computers and Electronics in Agriculture, 2020, 173, 105417.	7.7	5
21	Airborne hyperspectral imaging for investigating the dynamics of alternate bearing in citrus. Agricultural Information Research, 2005, 14, 261-272.	0.2	5
22	Participatory Assessment and Planning Approach: Conceptual and Process Issues. Agroecology and Sustainable Food Systems, 2002, 20, 89-111.	0.9	4
23	Application of Hyperspectral Imaging in Agriculture. Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers, 2015, 69, 464-469.	0.1	4
24	Fruit Yield Estimation Through Multispectral Imaging. , 2012, , 453-473.		2
25	Nondestructive monitoring of chicken meat freshness using hyperspectral imaging technology. , 2015, , .		2
26	A novel spatially resolved interactance spectroscopy system to estimate degree of red coloration in red-fleshed apple. Scientific Reports, 2021, 11, 21982.	3.3	2
27	Application of airborne hyperspectral imagery to estimating fruit yield in citrus. , 2011, , .		1
28	Effects of molding pressures on physical and chemical changes in Bio-coke produced from wood biomass . Journal of the Society of Materials Engineering for Resources of Japan, 2018, 29, 7-11.	0.2	1
29	Non-Destructive Sensing of Atp Content as A Potential Indicator of Freshness of Spinach by Vis/Nir Spectroscopy. International Journal of Optomechatronics, 2009, 3, 30-40.	6.6	0
30	Application of portable hyper-spectral camera in andisols soil nitrogen assessment. , 2013, , .		0
31	Estimation and visualizaion of nitrogen content in citrus canopy using hyperspectral imagery. , 2013, , .		0